

Flehr, Hohbach, Test,
Albritton & Herbert File No. A-58149-3/BIR
Applicant: D.H. Beach et al.

Serial No. 07/991,997

For:

CYCLIN COMPLEX REARRANGEMENT AND USES

Sir:

RELATED THERETO

Please acknowledge receipt of the enclosed

Req. reimbursement, Information Disclosure Statement, PTO-
1449.

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Due: N/A

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of Mailing: April 6, 1993

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)	Examiner: Not yet assigned
David H. BEACH et al.)	Group Art Unit: Not yet assigned
Serial No.: 07/991,997)	Atty's Docket: A-58149-3/BIR
Filed: December 17, 1992)	CSHL-91-02AAA
For: CYCLIN COMPLEX)	San Francisco, CA 94111
REARRANGEMENT AND USES)	
RELATED THERETO)	

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Maha A. Hamdan
Maha A. Hamdan

REQUEST FOR REIMBURSEMENT

Commissioner of Patents
and Trademarks
Washington, DC 20231

Sir:

The undersigned respectfully requests a reimbursement of \$65, one-half of the surcharge for filing the declaration on a date later than the filing date of the application paid on March 31, 1993, to be deposited in Deposit Account No. 06-1300. This request is made within the two-month period allowed for such reimbursement.

A duplicate copy of this page is enclosed for accounting purposes.

Respectfully submitted,

FLEHR, HOHBACH, TEST,
ALBRITTON & HERBERT

Bertram I. Rowland
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Reg. No. 20,015

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Suite 3400
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Dated: April 6, 1993

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Maha A. Hamdan
Maha A. Hamdan

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
and Trademarks
Washington, DC 20231

Sir:

This application is a continuation-in-part of U.S.S.N. 07/963,308 filed October 16, 1992, which is a continuation-in-part of U.S.S.N. 07/888,178 filed May 26, 1992, which is a continuation-in-part of U.S.S.N. 07/701,514 filed May 16, 1991. The contents of U.S.S.N. 07/963,308, 07/888,178 and 07/701,514 are hereby incorporated by reference.

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the documents cited on the accompanying form PTO-1449.

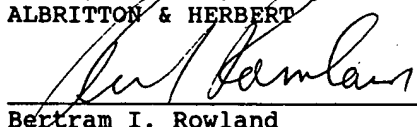
07/991,997
CSHL91-02AAA

Document A was cited in form PTO-1449 accompanying a Supplemental Information Disclosure Statement mailed February 12, 1993 in connection with U.S.S.N. 07/888,178. Documents 1-21 were previously cited as references AR-AT in form PTO-1449 accompanying an Information Disclosure Statement mailed January 20, 1992 in the U.S.S.N. 07/701,514. Documents 22-25 were previously cited as, respectively, references AU, AV, AW and AX in form PTO-1449 accompanying a Supplemental Information Disclosure Statement mailed November 25, 1992 in U.S.S.N. 07/701,514. In accordance with 37 C.F.R § 1.98(d), copies of the documents themselves are not provided.

None of the foregoing documents is believed to disclose the invention as claimed. Nothing herein shall constitute an admission concerning the contents of any of the cited documents, nor shall the inclusion of a document herein be considered an admission that the document constitutes prior art against the invention claimed in the above-identified application. Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

Respectfully submitted,

FLEHR, HOHBACH, TEST,
ALBRITTON & HERBERT



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INFORMATION DISCLOSURE CITATION (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT David H. Beach, et al.	
		FILING DATE Dec. 17, 1992	GROUP 1806

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	A	9 2 1 5 6 0 3	9/17/92	PCT				

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

1	Motokura, T., et al., "A novel cyclin encoded by a <i>bc/l</i> -linked candidate oncogene", <i>Nature</i> 350:512 (1991).
2	Nasymth, K. A., "FAR-Reaching Discoveries about the Regulation of START", <i>Cell</i> 63:1117 (1990).
3	Murray, A. W., et al., "Cyclin synthesis drives the early embryonic cell cycle", <i>Nature</i> 339:275 (1989).
4	Murray, A. W., et al., "The role of cyclin synthesis and degradation in the control of maturation promoting factor activity", <i>Nature</i> 339:280 (1989).
5	Nurse, P., "Universal control mechanism regulating onset of M-phase", <i>Nature</i> 344:503 (1990).
6	Murray, A. W., et al., "Dominoes and Clocks: The Union of Two Views of the Cell Cycle", <i>Science</i> 246:614 (1989).

EXAMINER	DATE CONSIDERED
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*EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)					
	7	Hunt, T., "Cell cycle gets more cyclins", <i>Nature</i> 350:462 (1991).			
	8	Surana, U., et al., "The Role of CDC28 and Cyclins during Mitosis in the Budding Yeast <i>S. cerevisiae</i> ", <i>Cell</i> 65:145 (1991).			
	9	Ghiara, J. B., et al., "A Cyclin B Homolog in <i>S. cerevisiae</i> : Chronic Activation of the Cdc28 Protein Kinase by Cyclin Prevents Exit from Mitosis", <i>Cell</i> 65:163 (1991).			
	10	Richardson, H. E., et al., "An Essential G1 Function for Cyclin-like Proteins in Yeast", <i>Cell</i> 59:1127 (1989).			
	11	Draetta, G., et al., "cdc2 Protein Kinase Is Complexed with Both Cyclin A and B: Evidence for Proteolytic Inactivation of MPF", <i>Cell</i> 56:829 (1989).			
	12	Gautier, J., et al., "Cyclin Is a Component of Maturation-Promoting Factor from <i>Xenopus</i> ", <i>Cell</i> 60:487 (1990).			
	13	Pines, J., et al., "Isolation of a Human Cyclin cDNA: Evidence for Cyclin mRNA and Protein Regulation in the Cell Cycle and for Interaction with p34 ^{cdc2} ", <i>Cell</i> 58:833 (1989).			
	14	Hadwiger, J. A., et al., "A family of cyclin homologs that control the G ₁ phase in yeast", <i>Proc. Natl. Acad. Sci., USA</i> 86:6255 (1989).			
	15	Solomon, M., et al., "Cyclin in Fission Yeast", <i>Cell</i> 54:738 (1988).			
	16	Goebel, M., et al., "Letters to the Editor", <i>Cell</i> 54:739 (1988).			
	17	Hagan, I., et al., "Cloning and sequencing of the cyclin-related <i>cdc13</i> ⁺ gene and a cytological study of its role in fission yeast mitosis", <i>J. Cell Sciences</i> 91:587 (1988).			
	18	Westendorf, J. M., et al., "The Role of Cyclin B in Meiosis I", <i>J. Cell Biology</i> 108:1431 (1989).			
	19	Evans, J., et al., "Cyclin: A Protein Specific By Maternal mRNA in Sea Urchin Eggs That Is Destroyed at Each Cleavage Division", <i>Cell</i> 33:389 (1983).			
	20	Gautier, J., et al., "Purified Maturation-Promoting Factor Contains the Product of a <i>Xenopus</i> Homolog of the Fission Yeast Cell Cycle Control Gene <i>cdc2</i> ⁺ ", <i>Cell</i> , 54:433 (1988).			
	21	Lee, M. G., et al., "Complementation used to clone a human homologue of the fission yeast cell cycle control gene <i>cdc2</i> ", <i>Nature</i> 327:31 (1987).			
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SERIAL NO.

2AAA 07/991,997

INFORMATION DISCLOSURE CITATION

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT

David H. Beach, et al.

FILING DATE

Dec. 17, 1992

GROUP

1806

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

22	Rosenberg, C. L., et al., "Rearrangement and overexpression of D11S287E, a candidate oncogene on chromosome 11q13 in benign parathyroid tumors", <i>Oncogene</i> 6:449 (1991).
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23	Xiong, Y., et al., "Human D-Type Cyclin", <i>Cell</i> 65:691 (1991).
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24	Matsushime, H., et al., "Colony-Stimulating Factor 1 Regulates Novel Cyclins during the G1 Phase of the Cell Cycle", <i>Cell</i> 65:701 (1991).
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25	Lew, D. J., et al., "Isolation of Three Novel Human Cyclins by Rescue of G1 Cyclin (Cln) Function in Yeast", <i>Cell</i> 66:1197 (1991).
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